



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2011-101
Job Sheet 213624



Part No: D2011-101

Job Qty: 20 pcs

Part Name: Mirror 6"



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/30/20

Job Tracking No:

Due Date: 10/20/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV G IPP: J 04.09.15 Added Steps 5-7 KJ/JLM IPP: K 05.12.15 chg black sikaflex for white EC IPP L 08.11.06 new drawing EC verify: DD IPP: M 08.12.19 Added step 3 KJ Verified by: LL IPP rev N 10.01.13 added wrap per ncr09-118 EC verified by:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Purchasing <i>BC Ind.</i>	20 pcs		10/19/20	0.00	0.00	Purchasing - 1		<i>KE</i> OCT 08 2020
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	20 pcs		10/19/20	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		<i>KE</i> OCT 08 2020
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		



Container No: S305633



Part: D2011-101

Job No: 213624

Serial No/Batch: S305633

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/08/20

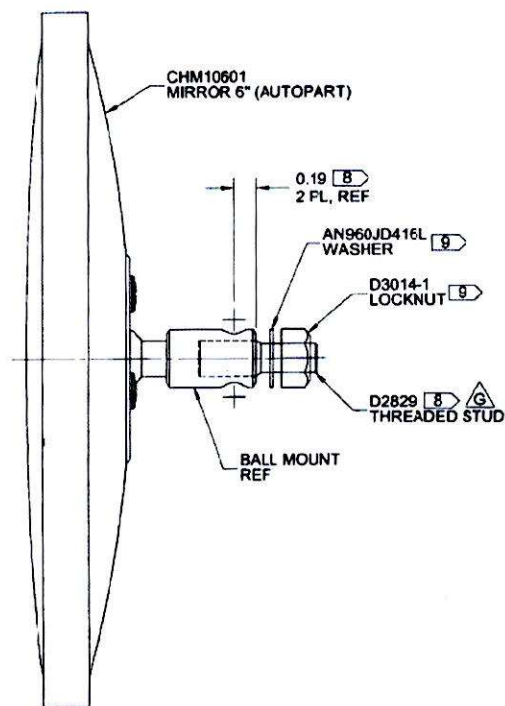
Plex 9/30/20 1:50 PM Dart.lajeunesse.marie

				Packaging 2 - 28 - B4B		
				Packaging 2 - 29 - B4B		
				Packaging 2 - 30 - B4B		
				Packaging 2 - 31 - B4B		
				Packaging 2 - 32 - B4B		
				Packaging 2 - 33 - B4B		
				Packaging 2 - 34 - B4B		
				Packaging 2 - 35 - B4B		
				Packaging 2 - 36 - B4B		
				Packaging 2 - 37 - B4B		
120	QC 6	20 pcs	10/19/20	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	DAS 81
					QC 6 - 81	9-89
					QC 6 - 82	
130	Small Fab - 2 - B4B	20 pcs	10/20/20	0.00 2.27	Small Fab - 1 - B4B	DAS 58
					Small Fab - 2 - B4B	9-89
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
					Small Fab - 8 - B4B	
					Small Fab - 9 - B4B	
					Small Fab - Various 1 - B4B	
140	QC 5	20 pcs	10/20/20	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
					QC 5 - 61	
					QC 5 - 81	DAS 82
					QC 5 - 82	9-89
150	Packaging 3-1 - Stock - B4B	20 pcs	10/20/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
				</		

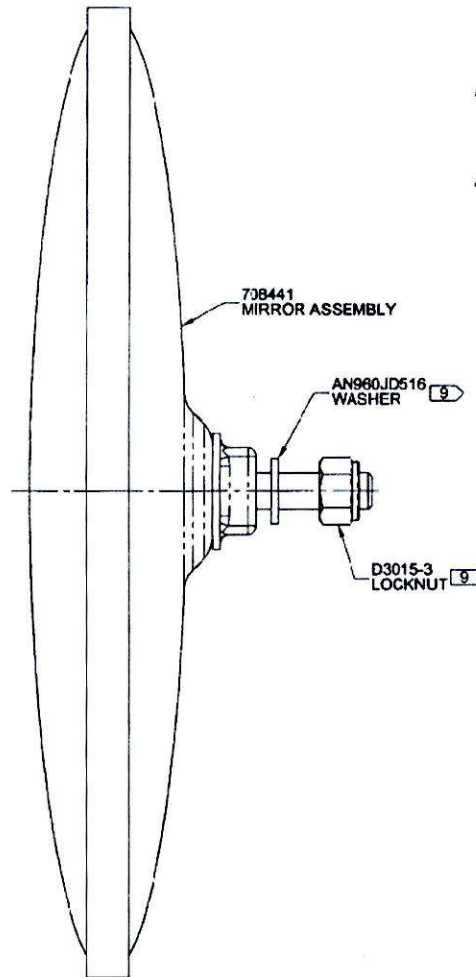
Plex 9/30/20 1:50 PM Dart.lajeunesse.marie

				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	DAS
				Packaging 3 - 23 - B4B	84
				Packaging 3 - 24 - B4B	9-89
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
160 QC 21 - SA	20 pcs	10/20/20	0.00 0.00	QC 21 - SA - 21	57384
				QC 21 - SA - 70	
				QC 21 - SA - 9	DAS
				QC 21 - SA - 77	21
				QC 21 - SA - 28	9-89
Part Op 100 - Purchasing - Issue P/O: _____ Mirror P/N: 28663 supplier: B C INDUSTRIAL Descriptions: 110 - Receive & Inspect for Damage & Mat'l Certs - Ensure material certification is attached 120 - QC6- All purchased or subcontracted products 130 - Small Fab - 1- Wrap mirror with plastic wrap 2- Discard Hardware & Install new hardware loosely 3- Crimp stud as per Dwg D2011 140 - QC5- Inspect part completeness to step on W/O - 4- Test assembly to 50lbs pull test after 24 hours 150 - Identify as per dwg & Stock Location: _____ 160 - QC21- Final Inspection - Work Order Release					
017139					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
28663	Mirror 6" D2011-101	20 Ea (1 ea)	100-Purchasing		
D2829	Threaded Stud	20 pcs (1 ea)	130-Small Fab - 2 - B4B		
D3014-1	Lock Nut	20 pcs (1 ea)	130-Small Fab - 2 - B4B		
NAS1149D0416J	Washer	20 Ea (1 ea)	130-Small Fab - 2 - B4B		
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	28663	20	0	0	
130-Small Fab - 2 - B4B	D2829	20	23	0	
	D3014-1	20	21	0	
	NAS1149D0416J	20	1,077	0	
Part Specifications					
Specifications could not be found.					

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D2011-101 MIRROR ASSEMBLY 6"



D2011-103 MIRROR ASSEMBLY 8"

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX. ; D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE:
 - APPLY LOCKTITE 262 TO Ø 5/16 END OF D2829
 - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE Ø 5/16 END OF D2829 IS WITHIN BALL MOUNT
 - CRIMP BALL MOUNT ON TWO OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.040 ± 0.010 USING R0.125
- 9) INSTALL LOOSE

ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10801	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN960JD416L	WASHER
9		1	AN960JD516	WASHER

SHOP COPY
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SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. 213 624 M L5
20-09-50

RELEASED
08-10-2006

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO "B" SIZE FORMAT. MIRROR 6" (AUTOPART) AND CHM10801 WERE MIRROR 6" (GROTE) AND P/N 28043 (Z1 D3-1), ADDED D2829 (Z1 D3-1) AND Z1 C8-1; REMOVED DRILLING NOTE, VIEW A-A AND SIKAFLEX APPLICATION NOTE. REASON: GROTE PRODUCT IS DISCONTINUED	MB	08-10-06
F	ADD HOLES FOR SEALANT ON -101	CP	04-09-10
E	NEW 8" MIRROR	CP	01-05-08
D	NEW 6" MIRROR, ADD NUT, REMOVED STUD	CP	01-04-23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	99-06-01
B	SIKAFLEX 241 ADDED	JB	98-04-09
A	DWG NO. WAS DSP1011, ADDED -103	JB	90-06-15
-	NEW ISSUE	JB	90-03-31
REV.	DESCRIPTION	BY	DATE

DESIGN	JB	DART AEROSPACE LTD	
DRAWN	JB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JB	DRAWING NO. D2011	REV. G
MFG. APPR.	JB		SHEET 1 OF 1
APPROVED	JB	TITLE	SCALE
DE APPR.	JB	MIRROR ASSEMBLY	NTS
DATE	08.10.06	COPYRIGHT © 1992 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS TO BE KEPT UNDER LOCK AND KEY AND NOT TO BE REPRODUCED OR DISCLOSED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB047234



Supplier: BCI001-VC
B C Industrial
14 Old Forest
Kirkland
QC
H9J 2Z8 Canada
Phone: 514-585-8907

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047234
PO Date: 10/1/20
Due Date: 10/14/20
Purchase Order Revision:
Revision Date:
Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Fedex Economy

Pymt Terms: Net 30

Freight Terms: Collect

Special Comments:

E-MAILED
2010-10-01

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	213624	28663				Mirror 6" D2011-101 : as per dwg D2011 REV. G receive ea	Firmed - X20		10/14/20	20 Ea	0 Ea	20 Ea	\$20.65/Ea	\$413.00

OCT 08 2020

Grand Total: \$413.00

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

Plex 10/1/20 9:21 AM Dart.Guerin.Kimberley

BC Industrial..... 14 Old Forest....Kirkland....Quebec....H9J-2Z8....Canada

Phone 514-585-8907

Email bcpc1@videotron.ca

Certificate of Compliance

Oct 6 2020

Dart Aerospace Ltd
1270 Aberdeen
Hawksbury, Ont
K6A 1K7

Att: Chantal Lavoie

This is to confirm that the parts delivered on our

PS201006DA

mirror 28663

\

DAS
81
9-89

conforms to the specifications outlined on your purchase
order HB047234

Thank you

Bryan Cameron

#TPS/GST-14264062

#TVQ/PST-1021696907

Terms 2%10 Net 30

Oct 6 2020

Packing Slip

PS201006DA

Votre PO# HB047234

Livrer a/Ship to:

Dart Aerospace Ltd
1270 Aberdeen
Hawksbury, Ont
K6A 1K7

Description	Livrer/Ship	B/O
1. mirror 12183	20	0
2. \		0
3.		

RECEIVED

OCT 07 2020

DART AEROSPACE LTD.

BC Industrial.... 14 Old Forest....Kirkland, Quebec.. H9J2Z8
Phone 514-585-8907 bcpc1@videotron.ca

814515295927

Fedex:
2-boxes

